VALIAL Solution

The process portal - process as a service

Central platform for work-, information- and knowledge processes in the company

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The process portal

Contents

- Motivation
- Mission
- Realization
- Results
- Competence

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Motivation

Market requests

- Market transparency and permanently increasing globalisation demands a flexibility & agility in enterprises which having been till now never here
- Growth is mostly only possible by superseding
- Employees become knowledge workers and are through that one of the added value of the enterprise
- Proof of the compliance with processes and method instructions
- Always faster changing business requirements needed efficient, customizable IT assistance
- Knowledge is power

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Motivation

Corporate strategy

Increasing the return on investment

Production- and sales increase

Strengthening the Customer retention

Employee retention

Growth without growing!

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Mission

Business request to process portal

§ Provision of a „cockpit“ for all employees in which the individual work process can be modelled, administrated, planned and controlled comfortably by the employee himself.

§ Analysis tools, decision making- and planning instruments are interlinked according to respective responsibilities and support both managers and employees in their tasks and working activities.

§ Central portal platform for corporate-, business- and work processes making them faster, leaner and more effective

§ Knowledge for the right person in the right place at the right time.
This is a central contributed of the IT to the company‘s success through provision of new technologies and online media.

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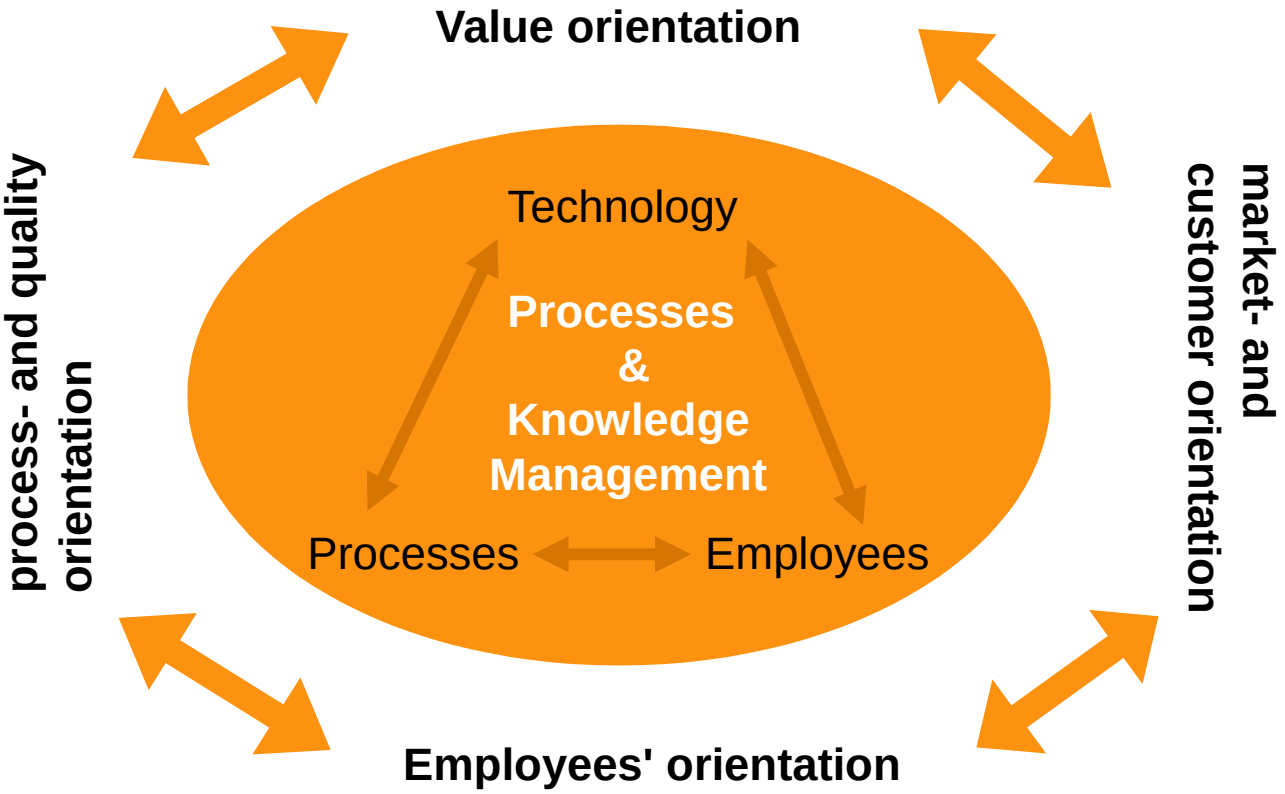
Mission

Added value through process portal



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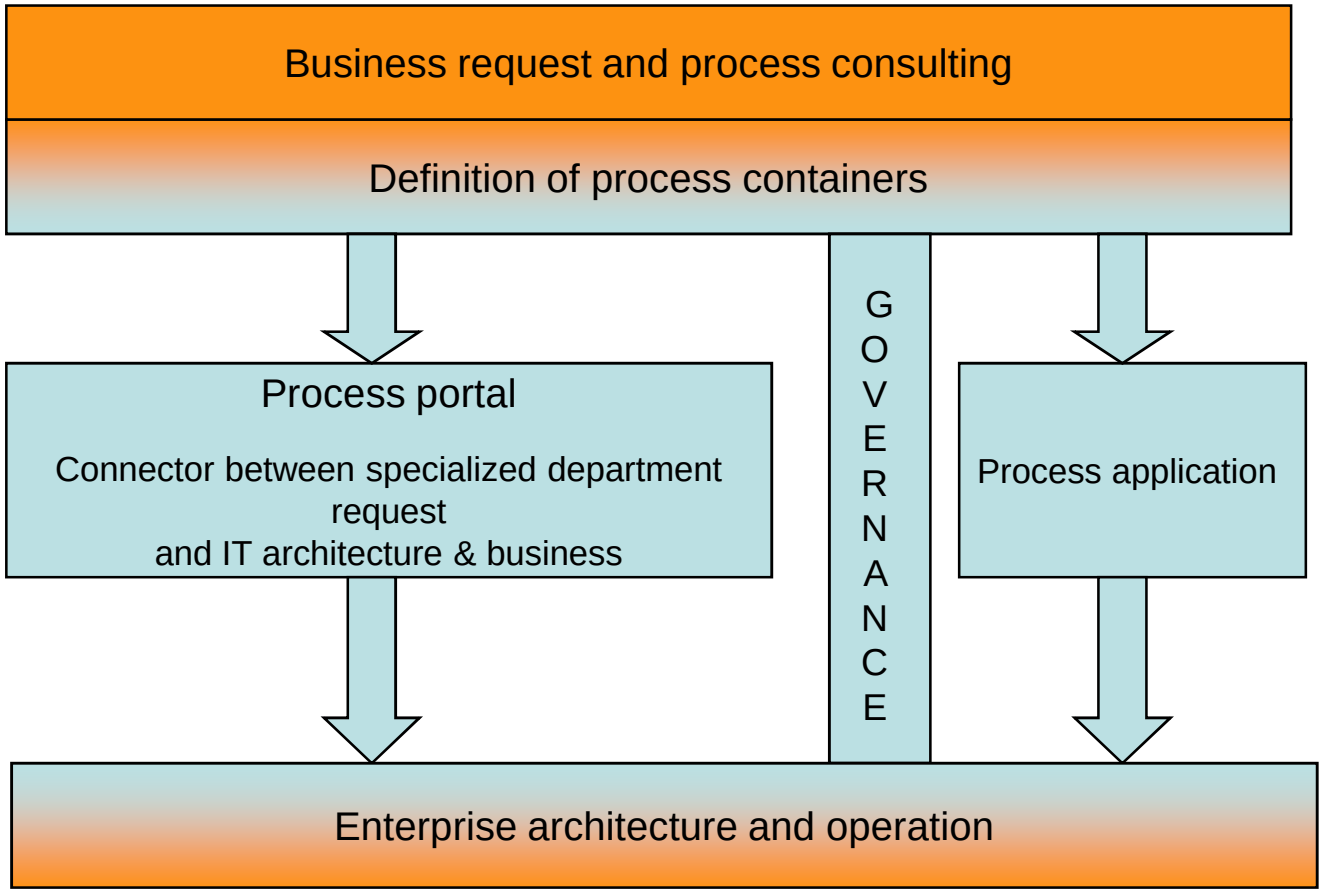
Mission

Process portal is Connector



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Mission

User Requirements Process Portal

- All results from workflows are shown in one task portlet
- Visualization, validation and simulation of processes
- Graphic modeling of processes and orchestration in an interface possible at the same time
- Enhancement of work steps with knowledge (content, documents, form)
- Change of process models in runtime
- Self-deployment and implementation of processes
- Definition of KPIs and Alerts in the model
- Definition of workflows and communication relationships in a model
- Automatic generation of an application from the models

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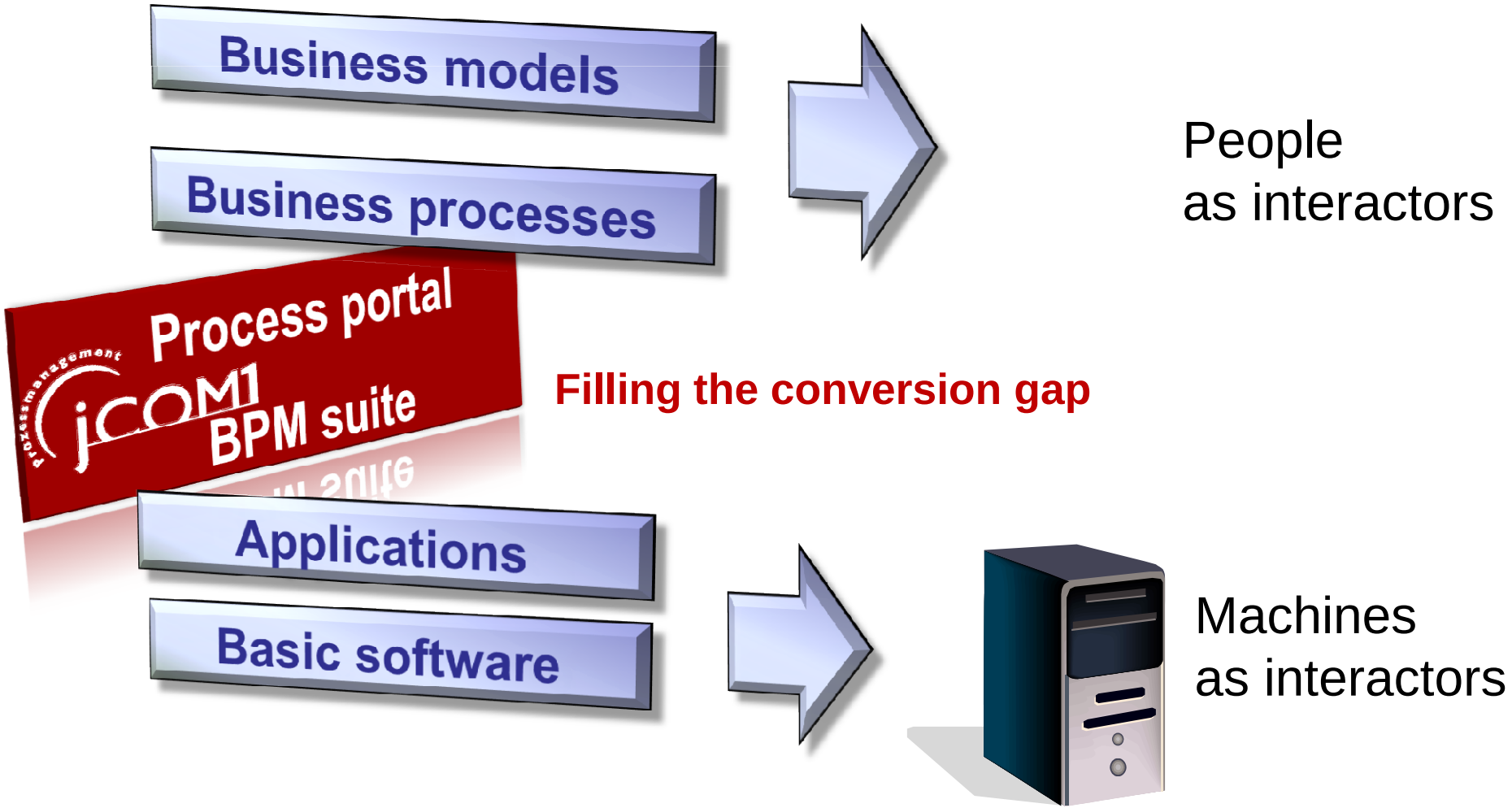
Conversion

Conversion gap



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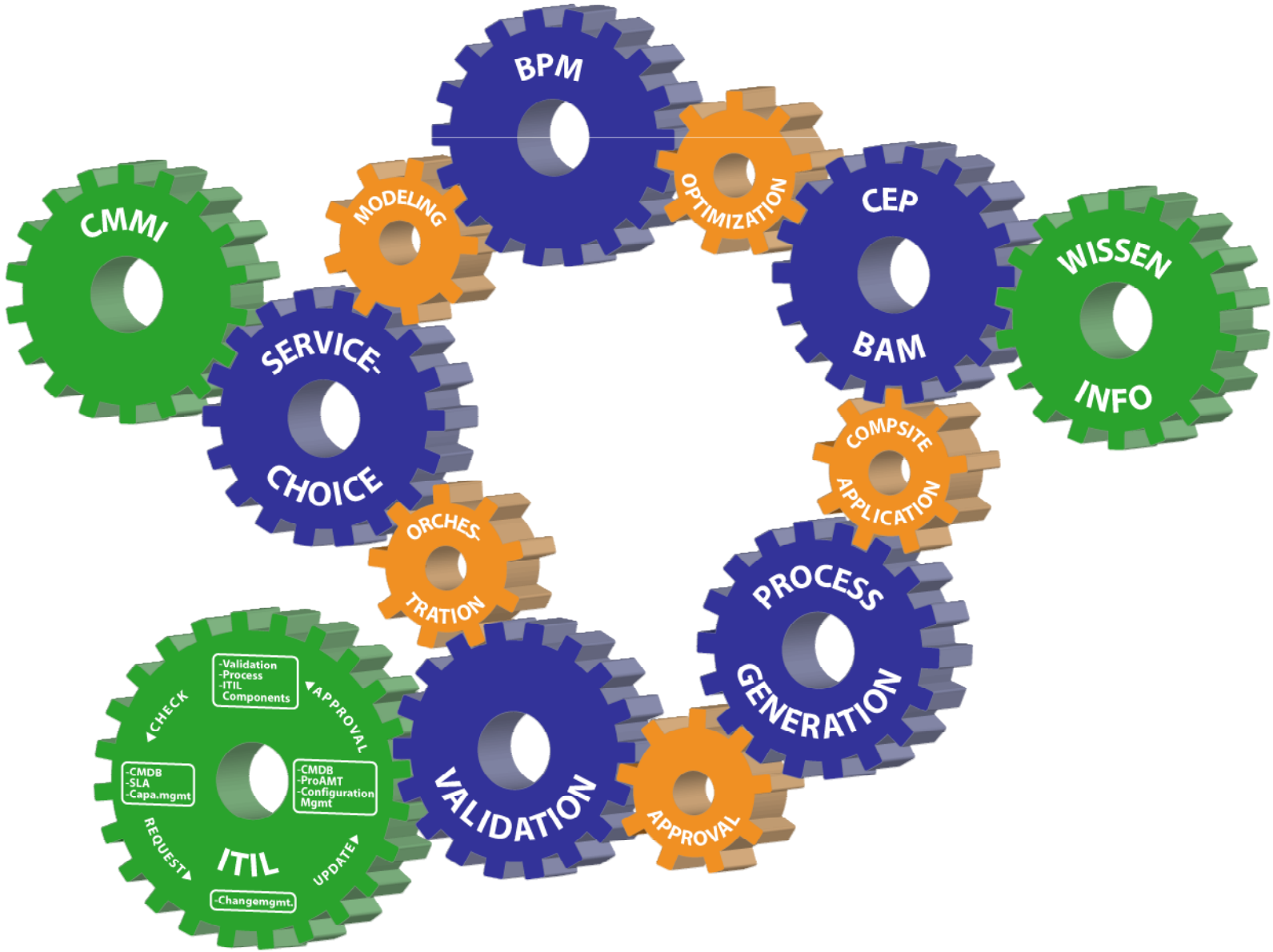
Conversion

SOB - Lifecycle



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The process portal

Contents

§ Challenge

§ Mission

§ Realization

§ Results

§ Competence

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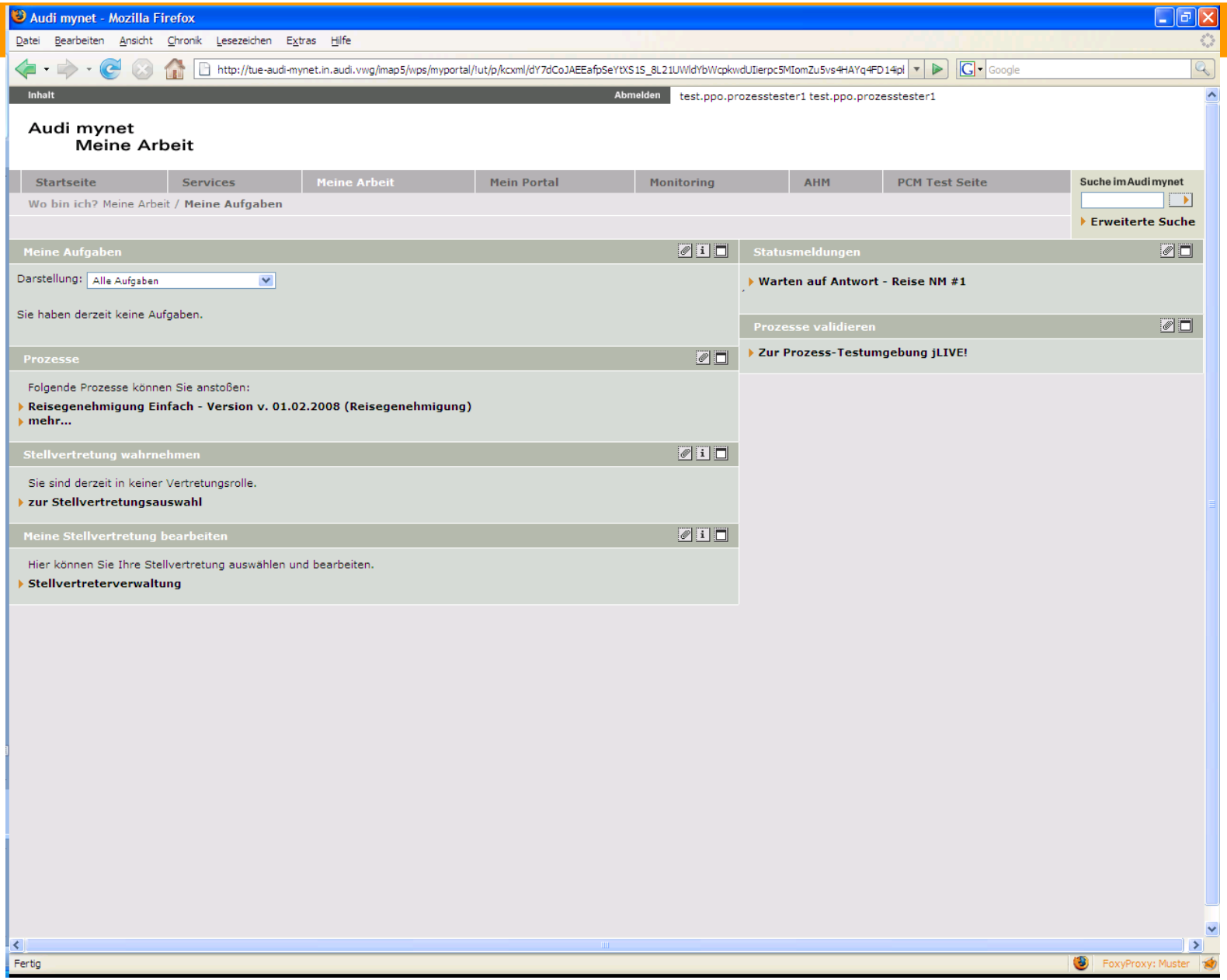
Event driven process portal



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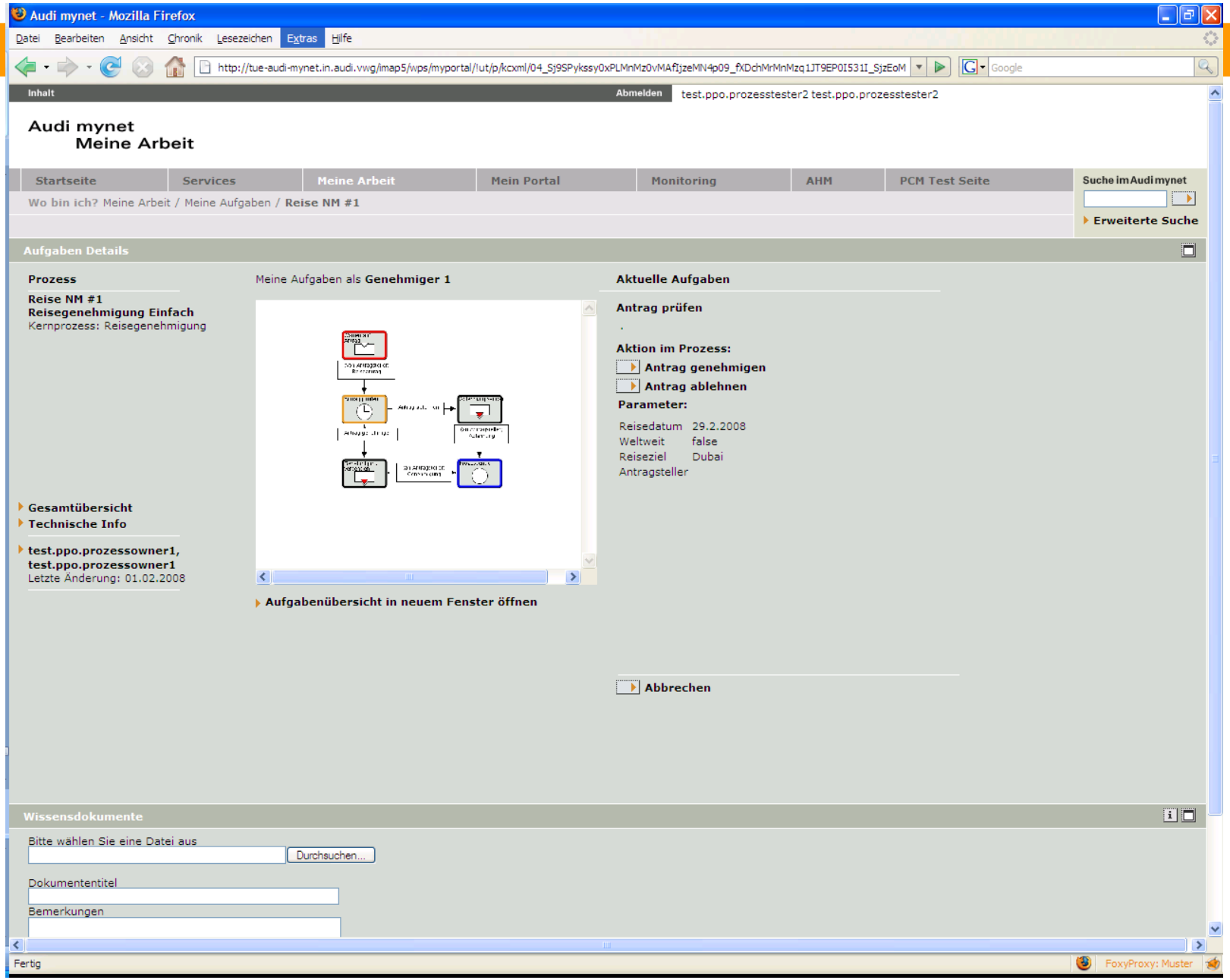
Event driven process portal



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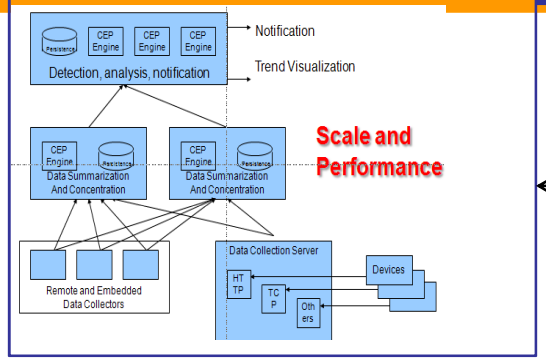
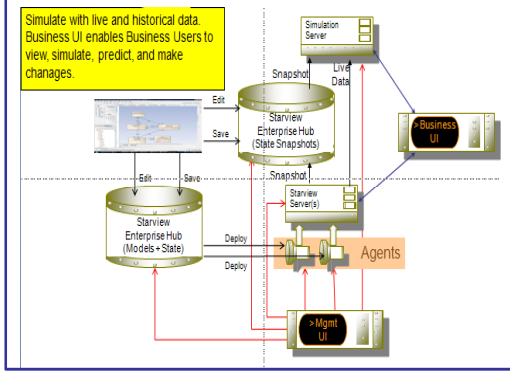
Starview CEP - process portal

Pattern/Events



Business rules



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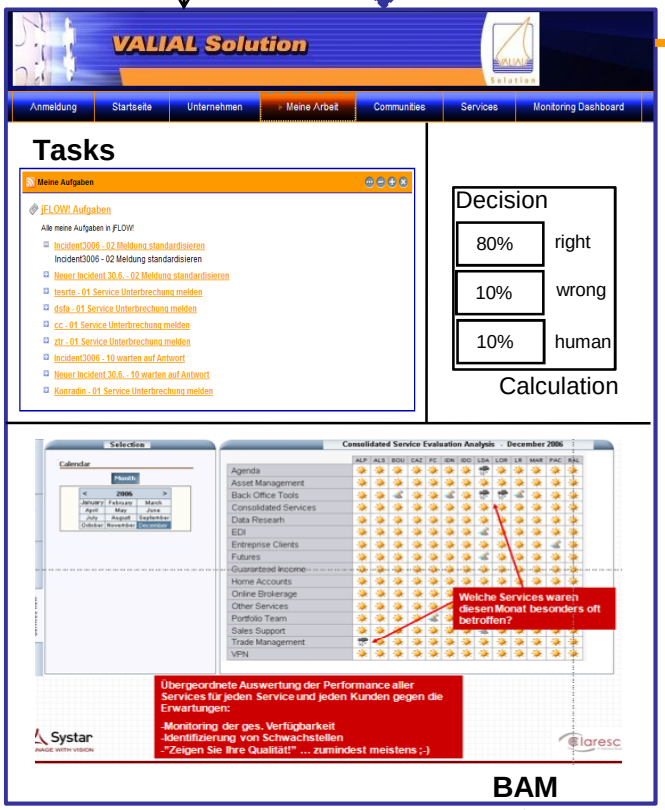
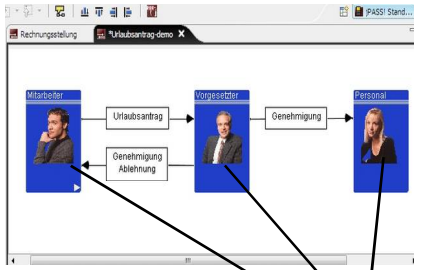


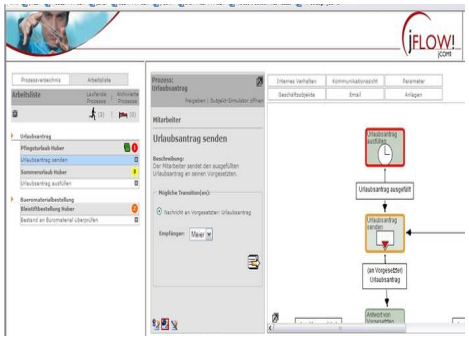
BAM

jpass

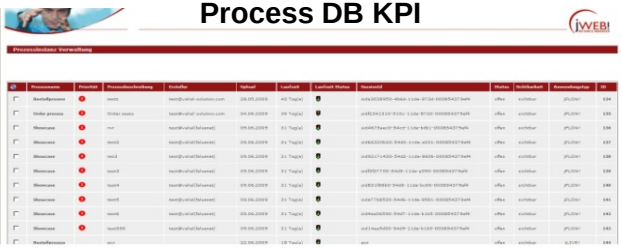


Process execution

jflow



Process DB KPI



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Results

IT as a business enabling function

- High flexibility and automation in the provision of IT Services
- Customers adds services to his process models and orchestrates these to composite applications
- Costumer finds the services and processes in “the” repository
- Customer defines rules, pattern and events for dynamic process execution
- Customer simulates different event scenarios and decisions
- IT provides services and monitors the availability (ability to deliver)
- IT checks the recycleability and Sizing of services with ITIL processes
- IT places End to End Monitoring to review the SLA - retention
- Documentation and logging of the real processes (retention of compliance)

The business process defines the IT!

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Competence

References

The employees of the VALIAL Solution offer wide-ranging experience in:

- Program- & Project management during the construction of the international company portal platform within AUDI AG
- Construction & integration of a BPM suite as a process portal
- Definition and development of SOA solutions
- Internationalizing of corporate portals
- Project management "intranet migration into an employees' portal"
- Solution architecture and architecture Blueprint setting-up in enterprise companies
- Integration of machine translation and definition of corresponding workflows

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Contact

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Results

Conclusion

§ At present process modeling and workflow language standards do not comply with the customers' requirements of a flexible and automated process management. The bottom-up approach as well as the representation of activity and communication are missing in the models.

§ The heterogeneous system environment in the production industry usually requires the integration of many workflow engines into a process portal.

§ Transparency and retention of the processes increases the efficiency fundamentally

§ The measuring of workflows and communicative relationships provides the greatest potential for optimisation concerning the understanding and motivation of employees.

§ The IT-ressources for modeling, optimization, change and implementation call for the relocation of tasks to the operating departments.

§ The process descriptions are independent of engines and technology platforms

§ Staging of processes not only of IT-systems is necessary

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